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2010 Camelina Crop

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USDA's National Agricultural Statistics Service field office in Helena, Montana presents camelina estimates for the state of Montana. The intent of this report is to provide insights into the 2010 camelina crop and provide a basis upon which future historical comparisons can be made.

Crop Development:

The field office collected crop development data for five different stages: planted, emerged, blooming, turning and harvested. Table 1 outlines the general beginning and end of each stage. It should be noted that these are statewide averages and could be different due to specific local conditions.

Table 1: Montana's Camelina Crop Development, 2010.

Stage	Beginning	End
Planted	Early April	Early June
Emerged	Mid April	Mid June
Blooming	Mid June	Early July
Turning	Late June	Late July
Harvested	Mid July	Late August

Acreage:

For the 2010 crop year, there were 9,900 acres of camelina planted in Montana of which 9,400 acres were harvested as shown in Table 2 on the next page. This compares to 20,800 acres planted in 2009 and 19,500 acres harvested. Even though camelina is a dry land crop, a small percentage of Montana's planted acreage was irrigated.

Production:

Statewide production totaled 9,465,000 pounds for 2010 with a state yield of 1,010 pounds/acre. This is a decrease from last year when production was 11,998,000 pounds, but the yield increased from 615 to 1,010 pounds/acre. No conclusions can be drawn about the effects of irrigation on production since the number of acres under irrigation was limited.

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Table 2: Montana's County Level Acreage and Production for Camelina, 2009-2010.

County and District	2009				2010			
	Planted Acres	Harvested Acres	Yield Lbs/Ac	Production Pounds	Planted Acres	Harvested Acres	Yield Lbs/Ac	Production Pounds
Other Northwest	100	100	500	50,000	-	-	-	-
Northwest	100	100	500	50,000	-	-	-	-
Chouteau	800	700	1,070	749,000	-	-	-	-
Glacier	700	600	640	384,000	-	-	-	-
Liberty	900	900	615	553,000	-	-	-	-
Phillips	500	300	770	231,000	-	-	-	-
Pondera	1,800	1,800	760	1,368,000	-	-	-	-
Teton	1,400	1,300	100	130,000	-	-	-	-
Other	600	600	475	285,000	3,700	3,500	905	3,168,000
North Central	6,700	6,200	597	3,700,000	3,700	3,500	905	3,168,000
Dawson	900	900	1,000	900,000	-	-	-	-
Garfield	600	600	750	450,000	-	-	-	-
McCone	2,300	2,300	750	1,725,000	-	-	-	-
Sheridan	1,500	1,400	420	588,000	-	-	-	-
Other	800	700	1,180	828,000	2,000	1,900	1,550	2,945,000
Northeast	6,100	5,900	761	4,491,000	2,000	1,900	1,550	2,945,000
Broadwater	500	500	250	125,000	-	-	-	-
Other	500	300	330	100,000	-	-	-	-
Central	1,000	800	281	225,000	-	-	-	-
Other	800	500	614	307,000	-	-	-	-
Southwest	800	500	614	307,000	-	-	-	-
Big Horn	5,100	5,100	550	2,805,000	-	-	-	-
Stillwater	500	400	450	180,000	-	-	-	-
Other	-	-	-	-	2,200	2,200	820	1,808,000
South Central	5,600	5,500	543	2,985,000	2,200	2,200	820	1,808,000
Other	500	500	480	240,000	-	-	-	-
Southeast	500	500	480	240,000	-	-	-	-
Other Districts	-	-	-	-	2,000	1,800	860	1,544,000
Montana	20,800	19,500	615	11,998,000	9,900	9,400	1,010	9,465,000

Data were collected from October 15 through the end of December 2010, during which time about 4,600 operators responded to the County Agricultural Production Survey. Data for Camelina were collected in conjunction with small grains, hay, pulse crops, and oilseeds data. Crop progress data came from the weekly Crop Weather survey that ran from April through October, 2010. The primary target of the crop progress survey is county extension agents and those individuals that have firsthand knowledge of their respective counties crop conditions.